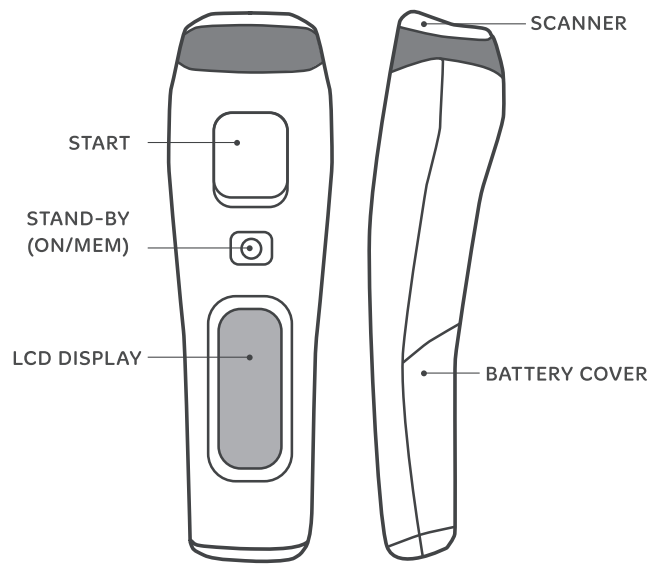




no touch forehead thermometer

INSTRUCTIONS FOR USE

(please read and keep for future reference)



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WARNINGS AND PRECAUTIONS

- This thermometer is not intended as a substitute for consultation with your doctor.
- Keep out of reach of children aged under 12 years.
- Do not allow children to take their own temperature unattended.
- To avoid risk of choking from swallowing small parts or batteries please keep the device out of the reach of children and pets.
- The device should not be submerged into water or other liquids (not waterproof).
- The scanner lens is the most delicate part of the thermometer. Use with care when cleaning the probe lens to avoid damage. See care and cleaning section.
- Do not use the thermometer if there are signs of damage to the scanner or the thermometer itself. If damaged do not attempt to repair the product.
- No modification of this equipment is permitted.
- Intended for household use only.
- Forehead temperature is displayed in oral mode. This mode converts the forehead temperature to display its "oral-equivalent" value.
- The "Clinical Bias" is -1,4 ~ -1,7°C
- The "Limits of Agreement" is 0,98
- The "Repeatability" is 0,20°C
- Holding the thermometer too long may cause a higher ambient temperature reading of the probe. This could make the body temperature measurement lower than usual.
- Intended operator: At least 11 years old (5 years intensive reading experience), no maximum.
- Intended use: The infrared forehead thermometer can measure the infrared heat generated by central forehead and surrounding tissues to reflect patient's body temperature accurately.
- Accuracy: Forehead mode: $\pm 0.2\text{ }^\circ\text{C}$ (0,4 °F) within 35–42°C (95–107,6°F) (Ambient Temp: 15–35°C), $\pm 0.3\text{ }^\circ\text{C}$ (0,5 °F) for other range.

FUNCTIONS

Forehead temperature

See "how to use" section to learn how to measure body temperature.

Surface temperature

See "how to use" section to learn how to measure the temperature of objects (for example baby milk).

Fever indication

If the thermometer detects a temperature equal to or greater than 37,5°C (or 99,5°F) under forehead mode, three short beeps will sound followed by one long beep to warn for potential fever.

Memory locations

The thermometer memory holds the latest 25 readings. Once you have powered on, press the **STAND-BY (ON/MEM)** button to see temperature records with the icon.



FUNCTIONS

How to switch between °C / °F

In **power off** mode, press and hold the **START** button then press the **STAND-BY (ON/MEM)** button for 3 seconds. °C will switch to °F. You can use the same process to switch back from °F to °C. **NOTE:** when you switch between °C and °F the memory will be cleared.

Mute mode

The device is automatically set with buzzer on but you can set it **ON** or **OFF** using the **MUTE** mode. In **power on** mode, press and hold the **STAND-BY (ON/MEM)** button for 3 seconds. This icon will flash on the screen. Release the **STAND-BY (ON/MEM)** button to set **MUTE**.

You can use the same process to turn the **MUTE** function off.

NOTE: If you hold the **STAND-BY (ON/MEM)** button down for 5 seconds after this mute icon starts to flash the device will **power off** WITHOUT setting Mute.

HOW TO USE

Power on

Press and release the **STAND-BY (ON/MEM)** button once. The backlight will come on and the start-up sequence begins.

Measuring body temperature on the forehead (forehead mode is the default mode). When you **power on** the unit you will see this icon on the screen and you will hear 2 beeps.

Position the thermometer on or up to 4cm away from the centre of the forehead just between the eyebrows and hold steady.

Press the **START** button and hold the thermometer in place until you hear a final beep. Your temperature is ready to read. After each forehead measurement, wait for this icon to stop flashing before taking the next measurement.

Measuring surface temperature

After **power on**, press and hold the **STAND-BY (ON/MEM)** button, and press the **START** button at the same time for "Infrared thermometer" mode. You will see icon on your LCD display. In this mode, you can get the target surface temperature.

When you press the **START** button, you will get the real time temperature immediately. If you press and hold the **START** button, the reading of measurement will be continuously updated.

Applications include temperature measurements for water, milk, cloth, skin or other objects.

NOTE: This mode shows the actual and unadjusted surface temperature which is different from the body temperature.

Power Off

The device will automatically power off after 1 minute of being idle to extend the battery life. To manually power off the device, press the **STAND-BY (ON/MEM)** button.

TIPS FOR TAKING AN ACCURATE READING

- Patient must be inside for 30 minutes before taking a measurement.
- The patient and device must be in the same stable ambient (room) temperature for 15 minutes before operating.
- Always make sure the scanner lens is clean and undamaged.
- If the eyebrow area is covered with hair, sweat, make-up or dirt, please clean the area beforehand to improve reading accuracy.
- Patients should not drink, eat or be physically active before / while taking the measurement. Remove hats and wait 10 minutes before taking a measurement.
- Always hold the thermometer and forehead steady when taking a reading. Do not move the thermometer until you hear the final beep.
- Don't take a measurement during or immediately after nursing a baby.

HOW TO INTERPRET YOUR READING

Understanding the meaning of your child's temperature.

READING	MEANING
>35,7° - 37,4° (>96,3° - 99,4°F)	Acceptable
>37,4° - 38,5°C (>99,4° - 101,3°F)	Elevated
>38,5° - 42,2°C (>101,3° - 108,0°F)	Possible High Fever

REMEMBER if you are concerned about your child's health you should see a doctor. Even in the absence of fever those who exhibit a normal temperature may still need to receive medical attention.

CARE AND CLEANING

- Make sure the probe is clean to ensure an accurate reading.
- Use a 70% alcohol swab or cotton wool moistened with 70% alcohol to gently wipe the lens clean.
- Allow the lens to fully dry for at least 1 minute.
- Never insert a sharp object into the scanner area or any other open surface on the thermometer.
- Keep the thermometer dry and away from any liquids and direct sunlight.
- It should be stored at room temperature between -20 ~ +50°C, RH < 85%.

TROUBLESHOOTING

	Error 5-9, the system is not functioning properly.
	Measurement before device stabilization.
	The ambient temperature is not within the range between 10°C and 40°C (50°F-104°F).
Solution: Allow the thermometer to rest in a room for at least 15 minutes at room temperature: 10°C and 40°C (50°F-104°F).	
	(1) In forehead mode: Temperature taken is higher than +42.2°C (108°F). (2) In surface mode: Temperature taken is higher than +80°C (176°F).
Solution: Please select the target within specifications. If a malfunction still exists, please contact our UK Careline.	
	(1) In forehead mode: Temperature taken is lower than +34°C (93.2°F). (2) In surface mode: Temperature taken is lower than -22°C (-7.6°F).
Solution: Please select the target within specifications. If a malfunction still exists, please contact our UK Careline.	
	Device cannot be powered on to the ready stage.
Solution: Change with new batteries.	

REPLACING THE BATTERIES

- When the "low battery" icon indicates the batteries are low, the batteries should be replaced immediately with 2x AAA batteries.
- Open the battery cover: use the thumbs to push battery cover out (see fig. 1).
- Insert the new batteries (see fig. 2).
- Replace the battery cover (see fig. 3).



fig. 1



fig. 2



fig. 3

BATTERY WARNINGS

Batteries are to be inserted with the correct polarity. Ensure that the + and - ends of the batteries are positioned correctly. Requires 2 AAA batteries. **DO NOT USE RECHARGABLE BATTERIES.** The use of rechargeable batteries could cause your Thermometer to malfunction and will void the warranty. Non rechargeable batteries are not to be recharged. Different types of batteries or new and used batteries are not to be mixed. Only batteries of the same or equivalent type as recommended are to be used. Exhausted batteries are to be removed from the Thermometer. Batteries should always be removed or replaced by an adult. Keep batteries away from children. Remove batteries if the Thermometer will not be used for some time.

PRODUCT SPECIFICATIONS

- Temperature measurement range:
Forehead mode: 34–42.2°C (93.2–108°F).
Surface mode: -22–80°C (-7.6–176°F).
- Operating temperature range: 10–40°C (50–104°F), 15%–85% RH.
- Storage temperature range: It should be stored at room temperature between -20~+50°C, RH equal to or less than 85%.
Transportation temperature shall be less than 70°C, RH equal to or less than 95%.
- Atmospheric pressure: 800–1013 hPa.
- Comply with ASTM E1965-98, EN ISO 80601-2-56, IEC/EN60601-1-2(EMC), IEC/EN60601-1(Safety) standards, ISO10993, RoHS.
- Accuracy:
Forehead mode: $\pm 0.2\text{ }^\circ\text{C}$ (0,4 °F) within 35–42°C (95–107,6°F) (Ambient Temp: 15–35°C), $\pm 0.3\text{ }^\circ\text{C}$ (0,5 °F) for other range.
Surface mode: $\pm 0.3\text{ }^\circ\text{C}$ (0,5°F) within 22–42,2°C (71.6–108°F), others $\pm 4\%$ or $\pm 2^\circ\text{C}$ (4°F) whichever is greater.
- Fever indicator, memory and °C/°F switch function.

- Battery: AAA x 2 pcs.
- Battery life: around 3,000 continuous readings.
- This thermometer converts the forehead temperature to display its "oral equivalent." (according to the result of the clinical evaluation to get the offset value).
- Blue LED Backlight.
Blue LED Backlight will be automatically turned on after measurement, and automatically turned off after 5 seconds.
- Enclosure Rating: **IP22**.
- Dimensions: 158.0 x 48.0 x 40.2 mm.
- Weight: 100 grams including batteries.

Manufacture Date: as the serial number (please open the battery cover, it is shown on the inside of the device).

Ex.SN:E912A000001, the first "E" is External, the second number "9" is the manufacture year 2009, the third and the fourth number "12" is the manufacture month, the others is the serial number.

Note: The thermometer is calibrated at the time of manufacture. If at any time you question the accuracy of temperature measurements, please contact the dealers or nearest service address.

SYMBOL DESCRIPTIONS

- Stand-by
- The CE mark and Notified Body Registration Numbers, the requirement of Annex II from Medical Device Directive 93/42/EEC are met.
- CAUTION.
- BF type applied part.
- IP22** Classification for water ingress and particulate matter.
Indicates this device is subject to the Waste Electrical and Electronic Equipment Directive in the European Union. To protect the environment, dispose of useless device at appropriate collection sites according to national or local regulations.
- Please read the instructions for use.
- Battery recycling.

EC REP Authorized representative in the European community
Medical Technology PromedT Consulting GmbH
Add: Altenhofstrasse 80, D-66386 St. Ingbert, Germany.



Paper recycling.



Manufactured by:
Radiant Innovation Inc.
Http://www.radiantek.com.tw
Add: 1F, No.3, Industrial East 9th Road,
Science-Based Industrial Park, HsinChu, Taiwan 300.

Distributed by:
Jackel International Limited trading as Mayborn Group
Northumberland Business Park West
Cramlington
Northumberland
NE23 7RH, UK

Any questions? Visit tommeetippee.com

Guidance and manufacturer's declaration – electromagnetic emissions

The THD2FE is intended for use in the electromagnetic environment specified below. The customer or the user of the THD2FE should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1	The THD2FE uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The THD2FE is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Not applicable	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not applicable	

Guidance and manufacturer's declaration – electromagnetic immunity

The THD2FE is intended for use in the electromagnetic environment specified below. The customer or the user of the THD2FE should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	Not applicable	Portable and mobile RF communications equipment should be used no closer to any part of the THD2FE, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance $d = 1,2 \cdot \sqrt{P}$ $d = 2,3 \cdot \sqrt{P}$ 80 MHz to 800 MHz $d = 2,3 \cdot \sqrt{P}$ 800 MHz to 2,5 GHz where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, a should be less than the compliance level in each frequency range b. Interference may occur in the vicinity of equipment marked with the symbol:
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2,5 GHz	3 V/m	

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.
NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.
a. Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the THD2FE is used exceeds the applicable RF compliance level above, the THD2FE should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the THD2FE.
b. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Guidance and manufacturer's declaration – electromagnetic immunity

The THD2FE is intended for use in the electromagnetic environment specified below. The customer or the user of the THD2FE should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
Electrostatic discharge (ESD) IEC 61000-4-2	6 kV contact 8 kV air	6 kV contact 8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	2 kV for power supply lines 1 kV for input/output lines	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	1 kV line(s) to line(s) 2 kV line(s) to earth	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.

Guidance and manufacturer's declaration – electromagnetic immunity

The THD2FE is intended for use in the electromagnetic environment specified below. The customer or the user of the THD2FE should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
Interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % UT (>95 % dip in UT) for 0,5 cycle 40 % UT (60 % dip in UT) for 5 cycles 70 % UT (30 % dip in UT) for 25 cycles <5 % UT (>95 % dip in UT) for 5 sec	Not applicable	Mains power quality should be that of a typical commercial or hospital environment. If the user of the THD2FE requires continued operation during power mains interruptions, it is recommended that the THD2FE be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

NOTE UT is the a.c. mains voltage prior to application of the test level.

Recommended separation distances between portable and mobile RF communications equipment and the ME EQUIPMENT or ME SYSTEM.

The THD2FE is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the THD2FE can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the THD2FE as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $d = 1,2 \cdot \sqrt{P}$	80 MHz to 800 MHz $d = 1,2 \cdot \sqrt{P}$	800 MHz to 2,5 GHz $d = 2,3 \cdot \sqrt{P}$
0,01	N/A	0,12	0,23
0,1	N/A	0,38	0,73
1	N/A	1,2	2,3
10	N/A	3,8	7,3
100	N/A	12	23

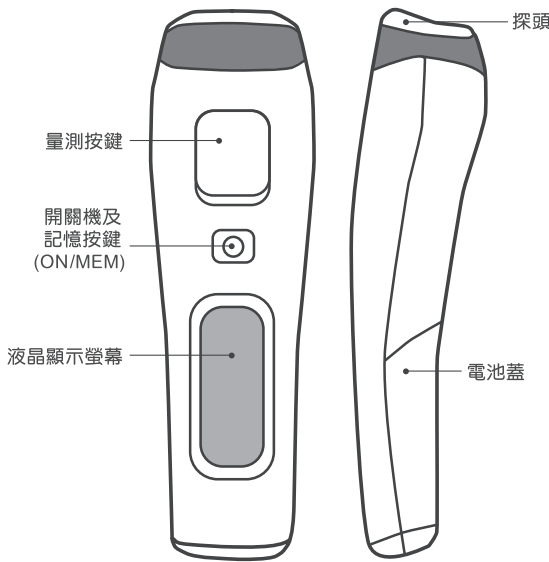
For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.
NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.
NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.



非接觸式紅外線額溫槍

說明書

（請詳細閱讀此說明書並妥善保存作日後參考之用）



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警告及注意事項

- 此額溫槍並不能代替醫生的診療
- 請遠離12歲以下之兒童
- 切勿在無人看管的情況下，讓兒童自行測量體溫。
- 為避免誤吞細小物件或電池而導致窒息危險，請把額溫槍置放於幼兒或寵物接觸不到的地方。
- 切勿將額溫槍浸入水或其他液體中（此產品並不防水）
- 探頭鏡面是此額溫槍最脆弱的部分，清潔鏡面時要小心，避免損壞鏡面。請參閱清潔及保養一節。
- 若額溫槍機身或探頭受損，切勿繼續使用。切勿嘗試修理受損的額溫槍。
- 請勿改裝或拆開此產品
- 本產品僅供家居使用
- 所顯示的前額溫度跟口腔溫度相同。此模式是將額溫轉化以相當於的口腔溫度顯示。
 - “臨床檢測誤差”為 -1.4 ~ -1.7℃
 - “一致性限度”為0.98
 - “重複性測量”為0.20℃
- 拿著額溫槍時間過長，可能會導致額溫槍偵測到較高的環境溫度。這可能會使體溫的讀數較低。
- 操作者須最少11歲(有5年讀數經驗)或以上
- 設計用途: 此紅外線額溫度計可測量前額及周圍組織產生的紅外線熱能，以準確反映患者的體溫。
- 精準度: 額溫於35~42℃ (95~107.6°F)範圍內為±0.2℃ (0.4°F)，其餘為±0.3℃ (0.5°F)

主要功能

- 前額測溫**

請依照“操作說明”一節了解如何測量體溫
- 表面測溫**

請依照“操作說明”一節了解如何以測量物件的溫度 (例如牛奶的溫度)
- 發燒警示**

當額溫槍測量到體溫等於或高於攝氏37.5度 (或華氏99.5度) 時，額溫槍會發出一長陣聲後，再發出三短陣嘩聲，以提示受測者可能發燒。
- 記憶功能**

額溫槍最多可儲存25組測量紀錄。開啟電源後，按記憶按鍵(ON/MEM)，會顯示圖示，並可讀取記憶測量紀錄。

主要功能

- 攝氏/華氏轉換**

在“關機狀態”下，按著START按鍵不放，同時再按下開關鍵(ON/MEM)約3秒，螢幕上攝氏“C”符號會變更為華氏“F”符號。你亦可以使用相同步驟，切換華氏下至攝氏℃。

注意: 當轉換攝氏/華氏單位時，溫度記憶也同時被清除。
- 靜音功能**

額溫槍的警報聲已預為開啟，您可於靜音模式下設定警報聲開啟或關閉。

在“開機狀態”下，按著開關鍵(ON/MEM)3秒，看到符號於螢幕上閃動後放手，開啟靜音功能。您亦可以使用相同步驟，關閉靜音功能。

注意: 若在符號開始閃動後，持續按著開關鍵(ON/MEM)5秒，額溫槍將會直接關機，沒有設定靜音功能。

操作說明

- 開機**

按下開關鍵(ON/MEM)，額溫槍會啟動並顯示所有圖示於螢幕上。
- 前額測溫 (開機時已預設為前額測溫模式)**

啟動額溫槍後，看到圖示顯示在螢幕上，並聽到2聲嘩響，您就可以開始測量體溫。

握住額溫槍把探頭距離前額中央1-4 厘米的位置，並按一下START量測按鍵。當聽到“噠”一聲，表示測量已完成，您可以隨即查閱體溫。當需要進行下一次測量時，請等待螢幕上的圖示停止閃動及發出2 聲嘩響，便可以進行下一次測量。
- 表面測溫**

在“開機狀態”下，按著開關鍵(ON/MEM)不放，同時再按一下START量測按鍵，便會切換成“紅外線測量”模式，螢幕會顯示圖示。在此模式下，你可以測量物件的平面溫度。當按下START量測按鍵，便會立即顯示受測物的溫度。如果持續按著START量測按鍵，測量讀數會不斷更新。此模式適用於量測水、牛奶、衣服、皮膚等等。

留意: 此模式顯示了實際及未經調整的溫度，與測量體溫模式不同。
- 關機**

若1分鐘內為未進行任何操作，額溫槍便會自動關閉，以延長電池的使用壽命。您亦可長按開關鍵(ON/MEM)，直接關機。

準確量測溫度小貼士

- 患者須停留於室內30分鐘後才可測量體溫。
- 測量體溫前，患者及額溫槍應處於同樣的室溫下至少15分鐘。
- 請確保探頭鏡片是乾淨、無損壞的。
- 若前額位置被頭髮、汗水、化妝品及污垢遮蓋著，請先擦拭乾淨後再測量，以確保測量的準確性。
- 患者在測量體溫前或測量期間，請不要飲食或有體力活動。如戴上了帽子，請取下並等待10分鐘後再測量體溫。
- 測量體溫時，請保持額溫槍與前額有穩定距離。切勿移動額溫槍，直至聽到最後一聲嘩響。
- 切勿在餵哺期間或之後立即為嬰兒測量體溫

如何解讀溫度讀數

了解兒童體溫的含意		
讀數		含意
>攝氏35.7℃~37.4℃之間 (>華氏96.3°F~99.4°F之間)		體溫正常
>攝氏37.4℃~38.5℃之間 (>華氏99.4°F~101.3°F之間)		輕度發燒
>攝氏38.5℃~42.2℃之間 (>華氏101.3°F~108°F之間)		發高燒

請繫記: 如果你對孩子的健康有疑問，應立即聯絡您的醫生。即使體溫正常、沒有發燒跡象的人仕，也可能需要求醫。

清潔及保養

- 請保持額溫槍清潔以確保讀數正確無誤
- 可用沾有70%濃度之酒精棉棒或棉花球清潔探頭鏡片
- 清潔後，請待1分鐘，讓探頭乾透。
- 切勿將尖銳物件插入額溫槍的掃描區或其他開口處
- 請將額溫槍存放於乾燥及遠離任何液體和陽光直射的地方
- 額溫槍應存放在攝氏 -20度至50度及濕度少於85% 的室內環境中

故障排除

- Er** 出現Er5-9，表示系統不能正常運作
- 解決方法: 取出電池，等候1分鐘後裝回電池，再重新啟動。如果故障訊息再出現，請與我們的客戶服務部聯絡。

- Er 1** 在額溫槍未穩定時測量體溫
- 解決方法: 等待螢幕上的圖示完全停止閃動

- Er 3** 環境溫度在正常室溫攝氏10℃至40℃ (華氏50°F至104°F) 的範圍之外
- 解決方法: 將額溫槍置於攝氏10℃至40℃ (華氏50°F至104°F) 的室內環境下，靜候15分鐘

- H_h** 1) 在前額測溫模式時，測量所得溫度高於攝氏42.2℃ (華氏108°F)
- 2) 在表面測溫模式時，測量所得溫度高於攝氏80℃ (華氏176°F)

解決方法: 請確定測量的目標是在規定範圍內。如果故障仍然存在，請與我們的客戶服務部聯絡。

- Lo** 1) 在前額測溫模式時，測量所得溫度低於攝氏34℃ (華氏93.2°F)
- 2) 在表面測溫模式時，測量所得溫度低於攝氏 -22℃ (華氏 -7.6°F)

解決方法: 請確定測量的目標是在規定範圍內。如果故障仍然存在，請與我們的客戶服務部聯絡。

- 1888** 啟動後，無法進入待機狀態
- 解決方法: 請更換電池

更換電池

- 當“低電量”圖示顯示於螢幕上，表示電力不足，需立即更換新電池 (2 顆AAA電池)
- 打開電池蓋: 使用大拇指將電池蓋向外推出 (見圖1)
- 放入新電池 (見圖2)
- 重新裝上電池蓋 (見圖3)



圖1



圖2



圖3

電池警告

- 需依正確的正負極方向放入電池。請確保電池的正負極 (+ / -) 放在正確的位置。需用2 顆AAA電池。請勿使用充電電池。使用充電電池會導致額溫槍發生故障，亦會使保養失效。非充電電池並不能充電。不同類型的電池或新舊電池不可混合使用。只能使用建議的同類型電池。已耗盡的電池需要從額溫槍取出。電池必須由成人取出及更換。請把電池遠離幼兒。若額溫槍長期不使用，請取出電池。

產品規格

- 量測溫度範圍:**

前額測溫模式: 34~42.2℃ (93.2~108°F)

表面測溫模式: -22~80℃ (-7.6~176°F)
- 操作溫度範圍:** 10~40℃ (50~104°F) , 15%~85% RH
- 存儲溫度範圍:** 儲存於攝氏溫度 -20~50℃及相對濕度等如或少於85%的室內環境內
- 運輸時溫度範圍: 應低於70℃，相對濕度等如或少於95%
- 大氣壓力:** 800~1013 hPa
- 符合 ASTM E1965-98, EN ISO 80601-2-56, IEC/EN60601-1-2(EMC) , IEC/EN60601-1(Safety)標準 , ISO10993, RoHS**
- 準確度:**

前額測溫模式: 在35~42℃ (95~107.6°F)範圍內為±0.2℃ (0.4°F)，其餘為±0.3℃ (0.5°F)

表面測溫模式: 在22~42.2℃ (71.6~108°F)範圍內為±0.3℃ (0.5°F)，其餘為±4%或±2℃(4°F)，以數值較大者為準。
- 具發燒警示、記憶及攝氏 / 華氏F轉換功能**

- 電池使用: 2顆AAA電池
 - 電池壽命: 3000次測量
 - 此額溫槍轉化額溫以顯示相對應的口腔溫度。(根據臨床驗證得到此數據。)
 - 藍色 LED 背光燈
 - 測量後藍色 LED 背光燈會自動啟動，並會在五秒後自動熄滅。
 - 防護等級: IP22
 - 尺寸: 158.0 x 48.0 x 40.2 mm
 - 重量: 100克包含電池
- 生產日期: 如序列編碼 (請打開電池蓋，編碼印在產品之內)
- 例: SN:E912A000001，第1個“E”代表External，第2個數字“9”代表生產年份2009，第3及第4個數字“12”代表生產月份，餘下的則代表編碼。

注意: 此額溫槍出廠時已被校準。如果您對讀數的準確度有所懷疑，請聯絡經銷商或客戶服務中心。

符號說明

- 開關機
- CE標誌及公告機構登記編號，代表符合醫療設備規章93/42/EEC目錄 II 要求。
- 開關機
- BF型應用部份
- IP22** 防水及防塵等級
- 代表此產品受歐盟棄置電器及電子用品規章規限。為保護環境，請把舊電器根據國家的本地法則，送到指定收集站棄置。
- 請閱讀使用說明書
- 電池回收
- 歐盟受權代表:Medical Technology Promedt Consulting GmbH 地址: Altenhofstrasse 80, D-66386 St. Ingbert, Germany

- 廢紙回收

- 生產商: 熱映光電股份有限公司
- http://www.radiantek.com.tw
- 地址: 台灣300新竹科學工業園區工業東九路3號1樓
- Distributed by: Jacked International Limited trading as Mayborn Group Northumberland Business Park West Cramlington Northumberland NE23 7RH, UK
- Any questions? Visit tommeetippee.com

製造商的指引及聲明 - 電磁排放

此THD2FE型號額溫槍旨在用於以下指定電磁環境。額溫槍的使用者應確認要在此環境下使用此產品。

排放測試	規則	電磁環境 - 指引
RF排放 CISPR 11	組別1	THD2FE型號額溫槍使用的RF能量僅能提供內部功能。因此，它的RF排放非常低，並不應該會干擾附近的電子設備。
RF排放 CISPR 11	級別B	此THD2FE型號額溫槍適合用於所有機構，包括家居，及那些直接連接公共低壓電網的住宅使用。
諧波發射 IEC 61000-3-2	不適用	
電壓波動 IEC 61000-3-2	不適用	

製造商的指引及聲明 - 抗電磁干擾

此THD2FE型號額溫槍旨在用於以下指定電磁環境。額溫槍的使用者應確認要在此環境下使用此產品。

抗擾測試	IEC 60601 測試水平	規則水平	電磁環境 - 指引
射頻傳導 IEC 61000-4-6	3 Vrms 150 kHz 至80 MHz	不適用	便攜式及移動式射頻通訊設備使用時不應與THD2FE型號額溫槍太接近。距離應參考以發射器頻率推算出的建議分隔距離。 建議分隔距離 d = 1,2 √P d = 1,2 √P 80 MHz至800 MHz d = 2,3 √P 800 MHz至2,5 GHz P是根據發射器生產商提供的最大輸出功率 (Watts瓦特) D是建議分隔距離(米) 從固定射頻發射器發出的磁場強度，由電磁現場調查決定(a)不應低於(b)每個頻率的規則水平。 在有以下符號的設備附近，可能會受到干擾
射頻傳導 IEC 61000-4-3	3 Vrms 80 MHz 至2,5 GHz	3 V/m	

- 註一：在80MHz 至 800 MHz之間，高頻率範圍適用。
- 註二：此指引可能並非所有情況都適用。電磁傳播會因吸收及反射建築物，物件及人等而受影響。
- a. 固定發射器發出的電磁強度，例如：收音機發射站，手提電話發射站，AM 及FM 收音廣播，電視廣播等，是不能準確預測。要評估因固定發射器做成的電磁環境，就要考慮做電磁現場調查。如測得電磁強度超過上述適用的射頻符合水平，應觀察THD2FE型號額溫槍，並確定其運作正常。如觀察到不正常的表現，可能需要有額外的措施，如把額溫槍重新調整。
- b. 超過150kHz 至80MHz的頻率範圍，磁場強度應少於3V/m。

製造商的指引及聲明 - 抗電磁干擾

此THD2FE型號額溫槍旨在用於以下指定電磁環境。額溫槍的使用者應確認要在此環境下使用此產品。

抗擾測試	IEC 60601 測試水平	規則水平	電磁環境 - 指引
靜電放電(ESD) IEC 61000-4-2	6 kV contact 8 kV air	6 kV contact 8 kV air	地板應為木、混凝土或瓷磚。如地板為合成材料，相對濕度應不少於30%
電子快速脈衝測試 IEC 61000-4-4	2 kV	不適用	主電源應與典型商業或醫院環境之下使用的一樣
雷擊測試 IEC 61000-4-5	1 kV line(s) to lines 2 kV line(s) to earth	不適用	主電源應與典型商業或醫院環境之下使用的一樣

製造商的指引及聲明 - 抗電磁干擾

此THD2FE型號額溫槍旨在用於以下指定電磁環境。額溫槍的使用者應確認要在此環境下使用此產品。

抗擾測試	IEC 60601 測試水平	規則水平	電磁環境 - 指引
電壓突降測試 IEC 61000-4-11	<5 % UT (>95% dip in UT) for 0,5 cycle 40 % UT (60 % dip in UT) for 5 cycles 70 % UT (30 % dip in UT) for 25 cycles <5 % UT (>95 % dip in UT) for 5 sec	不適用	主電源應與典型商業或醫院環境之下使用的一樣，如THD2FE型額溫槍需要不斷在主電源中斷的情況下運作，建議使用不受干擾的電源或電池操作
電源頻率磁場測試 (50/60 Hz) IEC 61000-4-8	3 A/m	3 A/m	頻率磁場應與典型商業或醫院環境之下使用的一樣

註：UT是測試水平之前的交流電源電壓

便攜式和移動式射頻 (RF) 通訊設備和醫療設備或醫療系統之間的建議分隔距離

此THD2FE型號額溫槍旨在用於射頻 (RF) 干擾受控制之電環境下使用。額溫槍的使用者在使用額溫槍時，應於其他便攜式和移動式射頻 (RF) 通訊設備保持以下所示最少距離：

發射器最大輸出率 (W)	根據發射器頻率的分隔距離 (m)		
	150 kHz to 80 MHz d = 1,2 √P	80 MHz to 800 MHz d = 1,2 √P	800 MHz to 2,5 GHz d = 2,3 √P
0,01	N/A	0,12	0,23
0,1	N/A	0,38	0,73
1	N/A	1,2	2,3
10	N/A	3,8	7,3
100	N/A	12	23

未有以上列出的發射器最大輸出率，建議分隔距離可運用公式推算。P值是根據發射器生產商提供之發射器最大輸出率。

註一：在80MHz 至 800 MHz之間，高頻率範圍的分隔距離會適用

註二：此指引可能並非所有情況都適用。電磁傳播會因吸收及反射建築物，物件及人等而受影響。